

Appl. No. 10/789,210
Response Dated 15 September 2005
Reply to Office Action of 18 July 2005

Attorney Docket No. 26.0273 US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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IN RE APPLICATION OF:
Plona et al.

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DOCKET NO.: 26.0273 US

SERIAL NO.: 10/789,210

GROUP ART UNIT: 3663

FILED: February 27, 2004

TITLE: Slowness-Frequency Projection
and Animation

EXAMINER: Scott A. Hughes

Via facsimile: 1-571-273-8300

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Karan SinghSep. 15, 2005
DateRESPONSE TO OFFICE ACTION

Honorable Commissioner of Patents
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of 18 July 2005, Applicants elect Claims 1-18, with traverse, for further prosecution. Traversal of the requirement is justified because pursuant to MPEP § 806.05 the burden is on the Examiner to provide a reasonable explanation in support of the requirement, supported by appropriate examples. Applicants respectfully point out that the Examiner has not provided any reasoned explanation to support the determination of distinct inventions, merely stating, in one case, that "the process could be carried out by hand." Similarly, the Examiner has not satisfied the burden of showing that the alleged combination/subcombination inventions are in fact so related. A reading of the claims grouped by the Examiner, however, shows that contrary to the Examiner's position

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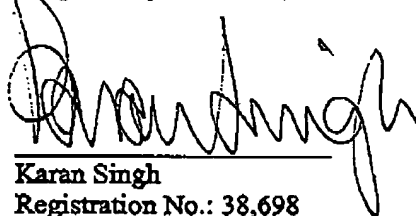
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the claimed process and system may not practically be implemented by hand. An apparatus, such as a computer processor, for example, is necessary for practical implementation of the invention.

For the reasons stated above, Applicants elect claims 1-18, with traverse, for further examination of the application.

In the event that any additional fees or credits are due owing to this response, the Commissioner is hereby authorized to charge the amount necessary to cover any fee that may be due or to credit any overpayment to Deposit Account 50-1122.

Respectfully submitted,



Karan Singh
Registration No.: 38,698

Date: 15 September 2005
Schlumberger K.K.
2-2-1 Fuchinobe
Sagamihara-shi, Kanagawa-ken
229-0006 Japan

81-42-759-5202
81-42-753-7649(fax)